



PATENT
Docket: P-11111.00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Kim, et al.

Examiner: Sara Lustusky

Serial No.: 10/807,888

Group Art Unit: 3735

Filing Date: 03-24-2004

Docket No.: P-11111.00

Title: METHODS AND APPARATUS PROVIDING SUCTION-ASSISTED TISSUE
ENGAGEMENT

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with C.F.R. §§ 1.97 *et. seq.*, the materials enclosed herewith are brought to the attention of the Examiner as possibly being of interest in connection with the above-identified patent application.

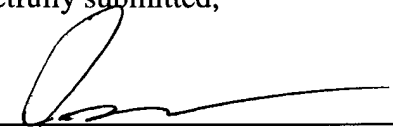
Consideration of each of the documents listed on the attached Form 1449 is respectfully requested. Pursuant to the provisions of M.P.E.P. §609, Applicant further requests that a copy of the Form 1449, marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Informal, uncertified translations of at least portions of each of the Japanese documents are enclosed.

The filing of this supplemental information disclosure statement shall not be construed as an admission against interest in any manner. Notice of January 9, 1992, 1135 O.G. 13-25, at 25.

Respectfully submitted,

Date: February 1, 2007

By: 
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		Filing Date: 3/24/2004		Group: 3732		
U.S. PATENT DOCUMENTS						
Examiner	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
	2004-0106918	06-03-2004	Cox et al			
	2003-0078470	04-24-2003	Borst			
	452,131	05/1891	Haughawout			
	2,590,527	03-25-1952	Fluck	123	67	
	3,577,982	05/1971	La Par	128	2R	
	3,720,433	03/1973	Rosfelder	294	64 R	
	3,783,873	01/1974	Jacobs	128	303R	
	3,786,815	01/1974	Ericson	128	321	
	3,858,926	01/1975	Ottenhues	294	64 R	
	3,916,909	11/1975	Kletschka et al	128	54	
	3,951,138	04/1976	Akopov	128	17	
	3,983,863	10/1976	Janke et al	128	1 R	
	3,983,863	10-05-1976	Janke et al	128	1 R	
	3,999,795	12/1976	Barker	294	64 R	
	4,047,532	09/1977	Phillips et al	128	303 R	
	4,049,000	09-20-1977	Williams	128	276	
	4,049,002	09/1977	Kletschka et al	128	318	
	4,096,864	06/1978	Kletschka et al	128	354	
	4,306,561	12/1981	De Medinaceli	128	303.13	
	4,314,568	02/1982	Loving	128	327	
	4,350,160	09-21-1982	Kolesov et al	128	334	
	4,366,819	01/1983	Kaster	128	334 C	
	4,368,736	01/1983	Kaster	128	334 C	
	4,428,368	01-31-1984	Torii	128	38	
	4,447,227	05/1984	Kotsanis	604	95	
	4,463,980	08/1984	Orii	294	64 R	
	4,627,421	12/1986	Symbas et al	128	20	
	4,637,377	01/1987	Loop	128	1 R	
	4,646,747	03/1987	Lundbäck	128	643	
	4,688,570	08/1987	Kramer et al	128	305	
	4,711,247	12/1987	Fishman	128	743	
	4,718,418	01/1988	L'Esperance, Jr.	128	303.1	
EXAMINER			Date Considered			
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		4,726,356	02/1988	Santilli et al	128	20	
		4,736,749	04/1988	Lundback	128	643	
		4,767,142	08/1988	Takahashi et al	294	64.1	
		4,808,163	02/1989	Laub	604	105	
		4,852,552	08-01-1989	Chaux	128	20	
		4,854,318	08/1989	Solem et al	128	346	
		4,865,019	09/1989	Phillips	128	20	
		4,892,343	01/1990	Hall	294	64.1	
		4,904,012	02/1990	Nishiguchi et al	294	64	
		4,925,443	05/1990	Heilman et al	600	16	
		4,955,896	09/1990	Freeman	606	210	
		4,962,758	10/1990	Lasner et al	128	41	
		4,973,300	11-27-1990	Wright	600	37	
		4,989,587	02/1991	Farley	128	20	
		4,991,578	02/1991	Cohen	128	419 D	
		5,009,660	04/1991	Clapham	606	166	
		5,011,469	04/1991	Buckberg et al	604	4	
		5,053,041	10/1991	Ansari et al	606	148	
		5,098,369	03/1992	Heilman et al	600	16	
		5,108,412	04/1992	Krumeich et al	606	166	
		5,119,804	06-09-1992	Anstadt	128	64	
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		5,133,737	07/1992	Grismer	606	205	
		5,167,223	12/1992	Koros et al	128	20	
		5,171,254	12/1992	Sher	606	166	
		5,207,467	05/1993	Smith	294	64.1	
		5,287,861	02/1994	Wilk	128	898	
		5,290,082	03/1994	Palmer et al	294	64.1	
		5,300,087	04/1994	Knoepfler	606	207	
		5,324,087	06/1994	Shimose et al	294	64.1	
		5,336,252	08/1994	Cohen	607	119	
		5,365,921	11/1994	Bookwalter et al	128	20	
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		5,372,124	12/1994	Takayama et al	128	4	
		5,374,277	12/1994	Hassler	606	207	
		5,383,840	01/1995	Heilman et al	600	17	
		5,417,709	05/1995	Slater	606	205	
		5,425,705	06/1995	Evard et al	604	28	
		5,437,651	08/1995	Todd et al	604	313	
		5,452,733	09/1995	Sterman et al	128	898	
		5,472,438	12/1995	Schmit et al	606	1	
		5,503,617	04-02-1996	Jako	600	201	
		5,509,890	04/1996	Kazama	600	37	
		5,545,123	08/1996	Oritz et al	600	235	
		5,556,147	09/1996	Somekh et al	294	64.1	
		5,607,421	03/1997	Jeevanandam et al	606	15	
		5,613,937	03/1997	Garrison et al	600	201	
		5,667,624	09/1997	Akimoto et al	156	389	
		5,702,420	12/1997	Sterling et al	606	205	
		5,730,757	03-24-1998	Benetti et al	606	198	
		5,749,892	05/1998	Vierra et al	600	204	
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		5,807,243	09/1998	Vierra et al	600	204	
		5,827,216	10/1998	Igo et al	604	21	
		5,888,247	03-30-1999	Benetti	623	66	
		5,894,843	04/1999	Benetti et al	128	898	
		5,906,607	05/1999	Taylor et al	606	1	
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		5,976,080	11-02-1999	Farascioni	600	213	
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		6,017,304	01-25-2000	Vierra et al	600	204	
		6,032,672	03/2000	Taylor	128	898	
		6,036,641	03-14-2000	Taylor et al	600	231	
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		6,050,266	04-18-2000	Benetti et al	128	898	
		6,063,021	05/2000	Hossain et al	600	37	
		6,071,235	06/2000	Furnish et al	600	235	
		6,074,375	06-13-2000	Stiles	604	268	
		6,110,187	08/2000	Donlon	606	151	
		6,132,370	10-17-2000	Furnish et al	600	235	
		6,139,492	10/2000	Vierra et al	600	204	
		6,149,583	11-21-2000	Vierra et al	600	204	
		6,152,874	11-28-2000	Looney et al	600	214	
		6,161,543	12-19-2000	Cox et al			
		6,183,486	02-06-2001	Snow et al	606	151	
		6,206,827	03-27-2001	Chin et al	600	217	
		6,213,941	04-10-2001	Benetti et al	600	235	
		6,254,535	07-03-2001	Furnish et al	600	213	
		6,290,644	09-18-2001	Green, II et al	600	235	
		6,306,085	10-23-2001	Farascioni	600	213	
		6,315,717	11-13-2001	Benetti et al	600	210	
		6,328,688	12-11-2002	Borst et al	600	37	
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		6,346,077	02-12-2002	Taylor et al	600	204	
		6,350,229	02-26-2002	Borst et al	600	37	
		6,364,826	04-02-2002	Borst et al	600	37	
		6,371,906	04-16-2002	Borst et al	600	37	
		6,379,297	04-30-2002	Furnish et al	600	213	
		6,394,951	05-28-2002	Taylor et al	600	210	
		6,740,028	05-25-2004	Borst			
		6,755,780	06-29-2004	Borst et al			
		6,849,075	02-01-2005	Bertolero et al			
		6,905,498	06-14-2005	Hooven			
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		0 167 345 A1	01/1986	EPO			X	
		0 293 760 A2	05/1988	EPO			X	
		0 432 560 A2	11/1990	EPO				X
		0 630 629 A1	12/1994	EPO			X	
		0 668 058 A1	08/1995	EPO			X	
		0 808 606 A1	11/1997	EPO			X	
		0 920 835 A1	06/1999	EPO			X	
		01232945	09/18/1989	JP				
		02607600	05/07/1997	JP				
		06012045	01/21/1994	JP				
		59143408	08/17/1984	JP				
		DE 29708050	05/1997	Germany				X
		G 9004513.0	04/1990	Germany				X
		GB 2 140 695A	12/1984	UK			X	
		GB 2 214 428A	09/1989	UK			X	
		GB 2 214 428B	06/1991	UK			X	
		GB 2233561	01-16-1991	UK				
		GB 2267827	12/1993	United Kingdom			X	
		WO 87/04081	07/1987	PCT			X	
		WO 88/00481	01/1988	PCT			X	
		WO 94/03142	02/1994	PCT			X	
		WO 94/14383	07/1994	PCT			X	
		WO 94/14715	07/1994	PCT			X	
		WO 94/18881	09/1994	PCT			X	
		WO 95/01757	01/1995	PCT			X	
		WO 95/15715	06/1995	PCT			X	
		WO 95/17127	06/1995	PCT			X	
		WO 96/00033	01/1996	PCT			X	
		WO 97/10753	03/1997	PCT			X	
		WO 98/10705	03/1998	PCT			X	
		WO 98/17182	04/1998	PCT			X	

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							Yes	No
		WO 98/27869	07/1998	PCT			X	
		WO 99/16367	04/1999	PCT			X	

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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)		

		Mammary Artery-Coronary Artery Anastomosis as Method of Treatment for Angina Pectoris, V.I Kolessov, MD/Thoracic and Cardiovascular Surgery, Vol. 54, No. 4, Oct 1967 pp 535-544
		Direct Myocardial Revascularization by Saphenous Vein Graft, R.G. Favaloro, MD; DG Effler, MD; LK Groves, MD; WG Sheldon, MD; and FM Sones, Jr., MD / The Annals of Thoracic Surgery, Vol. 10, No. 2, Aug. 1970
		A Simple Technique and Device To Provide a Bloodless Operative Field in Coronary Artery Surgery Without Cross-Clamping the Aorta, M. Riahi, RJ Schlosser and LA Tomastis/The Journal of Thoracic and Cardiovascular Surgery, Vol. 66, No. 6, Dec. 1973, pp. 974-978
		To Use or Not To Use the Pump Oxygenator in Coronary Bypass Operations, Drs. WG Trapp and R. Bisarya/The Annals of Thoracic Surgery, Vol. 19, No. 1, Jan 1975, pp. 108-109
		A Prospective Evaluation of the Pulsatile Assist Device, GL Zumbro, Jr., MD; G Shearer, CCP; ME Fishback, MD; and RF Galloway, MD / The Annals of Thoracic Surgery, Vol 28, No. 2 Aug. 1979, pp. 269-273
		Preservation of Interventricular Septal Function in Patients Having Coronary Artery Bypass Grafts Without Cardiopulmonary Bypass, CW Akins, MD; CA Boucher, MD; and GM Pohost, MD / American Heart Journal, Vol. 107, No. 2, Feb. 1984, pp. 304-309
		Coronary Artery Revascularization Without Cardiopulmonary Bypass, R. Archer, DO; DA Ott, MD; R. Parravicini, MD; DA Cooley, MD; GJ Reul, MD; OH Frazier, MD; JM Duncan, MD; JJ Livesay, MD and WE Walker, MD, Texas Heart Institute Journal, Vol. 11, No. 1, Mar. 1984, pp. 52-57
		Direct Myocardial Revascularization Without Cardiopulmonary Bypass, E. Buffolo; JCS Andrade, J Succi; LEV Leao; and C Gallucci. Thoac. Cardiovasc. Surgeon, 33 (1985) pp. 26-29
		Direct Coronary Surgery with Saphenous Vein Bypass Without Either Cardiopulmonary Bypass or Cardiac Arrest, FJ Benetti, The Journal of Cardiovascular Surgery, Vol. 26, No. 3, May-Jun. 1985, pp. 217-222
		Heart-Mechanical Assist Device Interaction, JY Kresh; PLM Kerkhof; SM Goldman; and SK Brockman, Trans. Am. Soc. Artif. Intern. Organs, Vol XXXII, 1986, pp. 437-443
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		Transfemoral Placement of the Left Ventricular Assist Device "Hemopump" During Mechanical Resuscitation, KH Scholz; U Tebbe; M Chemnitz; H Kreuzer; T Schroder; JP Hering; P Uhlig; G Hellige; HJ Grone; R Autschbach; B Schorn; W Ruschewski; and H Dalichau, Thoracic and Cardiovascular Surgeon, Vol 38 (1990) pp. 69-72
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		Regional Cardiac Wall Immobilization for Open Chest and Closed Chest Coronary Artery Bypass Grafting on the Beating Heart: The 'Octopus' Method, Circulation, Vol 92. No. 8 Supplement 1, I-177 (Oct. 15, 1995)
		A Minimally Invasive Surgical Method for Coronary Revascularization – Preliminary Experience in Five Patients, MC Robinson, DR Gross, and W Zeman, Circulation, (Oct. 15, 1995) Vol. 92, No. 8, I-176
		Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass and Without Interruption of Native Coronary Flow Using a Novel Astamosis Site Restraining Device ("Octopus"), C. Borst et al., Journal of the American College of Cardiology, Vol. 27, No. 6, 1356-1364 (May 1996)
		Cardiogenic Shock Complicating Acute Myocardial Infarction: the Use of Coronary Angioplasty and the Integration of the New Support Device into Patient Management, GM Gacioch, MD; Stephen G. Ellism, MD, FACC; L Lee, MD; ER Bates, MD, FACC; M Kirsh, MD, FACC; JA Walton, MD, FACC; EH Topol, MD, FACC, Journal of the American College of Cardiology, Vol. 19, No. 3, Mar. 1, 1992
		Reoperative Coronary Artery Bypass Grafting Without Cardiopulmonary Bypass, WJ Fanning, MD; GS Kakos, MD; and TE Williams, Jr., MD, Ph.D., The Annals of Thoracic Surgery, Vol. 55, No. 2, Feb. 1993, pp. 486-489
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		Abstract: "Closed Chest Coronary Artery Bypass With Cardioplegic Arrest in the Dog", Stevens et al. 67 th Scientific Sessions
		Placement of Coronary Artery Bypass Graft without Pump Oxygenator, Trapp et al., Journal of The Society of Thoracic Surgeons and The Southern Thoracic Surgical Assn. Vol. 19. No. 7 Jan. 1975
		Experimental Videothoroscopic Cannulation of the Left Atrial Appendix: A Feasible Rapid Approach For Initiating Left Heart Bypass? PF Grundeman; DW Meijer; JIG Bannenberg; R tukkie; and PJ Klopper, Surgical Endoscopy (1993) 7: 511-513

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OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)			
		A.J. DELROSSI, M.D., AND G.M. LEMORE, M.D., A New Retractor to Aid In Coronary Artery Surgery, The Annals of Thoracic and Cardiovascular Surgery, Vol 36 July 1983 pp101-102	
		STEPHEN WESTABY, FRCS, AND FEDERICO J. BENETTI, MD, Less Invasive Coronary Surgery: Consensus From the Oxford Meeting, Annals of Thoracic Surgery 1996; 62: 924-31	
		Kolessov V.I., The Surgery of Coronary Arteries of the Heart, Leningrad, Meditsina, 1977, pp360. (Russian Article)	
		Kosesssov V.I., The Surgery Of Coronary Arteries of the Heart, Leningrad, Meditsina., 1977, pp360. (English Translation)	
		Reexam Control Number 90/005,995 dated 05/03/01	
		Reexam Control Number 90/005,994 dated 05/03/01	

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